## Mardi 23 janvier 2018 à 11h30 (IAS, bâtiment 121, salle 1-2-3)

## **Recent Solar Eclipse Coronal Observations**

## Jay M. Pasachoff (Williams College-Hopkins Observatory, Williamstown MA)

We have been observing the solar corona over at least the last sunspot cycle, providing high-resolution imaging on which we can measure velocities; isophotes to show the changing flattening coefficient over the cycle; spectroscopy to follow the overall temperature over the cycle; and overlaps with spacecraft including not only SWAP on PROBA2 but also the new SUVI on GOES-16. We also describe our latest observations to obtain high-frequency measurements in the narrow-band coronal emission lines of Fe XIV and Fe X, in order to calculate power spectra as a discriminator among models of coronal heating.

Our observations of the 21 August 2017 from Salem, Oregon, were particularly successful, and will be described.

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